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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/748,993	12/29/2003	Jochen Huebl	10191/3516	8251

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KENYON & KENYON LLP
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NEW YORK, NY 10004

EXAMINER

BROWN, VERNAL U

ART UNIT	PAPER NUMBER
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2612

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/09/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

8f

Office Action Summary	Application No. 10/748,993	Applicant(s) HUEBL, JOCHEN	
	Examiner Vernal U. Brown	Art Unit 2612	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 November 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This action is responsive to communication filed on November 20, 2006

Response to Amendment

The examiner has acknowledged the amendment of claims 1, 2, 5-8 and 12.

Response to Arguments

Applicant's arguments with respect to claims 1-12 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 112

Claim 11 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

Regarding claim 11, the retransmission of the message following an initiation of the wake up procedure is not disclosed in the specification. Applicant discloses the evaluation of a retransmission message (page 6 line 27) but does not disclose the limitation as claimed.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-2, 5-10, 12 are rejected under 35 U.S.C. 102(b) as being anticipated by Neudecker US Patent 6282668.

Regarding claim 1, Neudecker teaches a detector circuit (10) for selectively waking up a user of a bus system (col. 2 lines 11-23, col. 4 lines 21-25). The selective waking of users of the bus is interpreted as waking up a particular use of the bus without waking the other users of the bus. Neudecker teaches waking up user of the bus by detecting a predefined impulse signal features and the predefine signal feature is assigned to the target by storing the impulse information for waking up the target device in the detector device (col. 4 lines 26-30). Neudecker teaches the detecting device initiates a further wake up procedure when the predefined signature feature has been reaches (col. 4 lines 35-47).

Regarding claim 2, Neudecker teaches the detection device include a counter and the predefined number is greater than 1 (col. 5 lines 4-15).

Regarding claims 5 and 7-8, Neudecker teaches a bus system comprising a detection device for detecting a predefined impulse signal features and the predefine signal feature is assigned to the target by storing the information in the detector device (col. 2 lines 11-23, col. 4 lines 26-30). Neudecker teaches a detector circuit (10) for selectively waking up a user of a bus system (col. 4 lines 21-25). The selective waking of users of the bus is interpreted as waking up a particular use of the bus without waking the other users of the bus. Neudecker teaches the detecting device initiates a further wake up procedure when the predefined signature feature has been reaches (col. 4 lines 35-47).

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Regarding claims 6 and 12, Neudecker teaches the detection device include a counter and the predefined number is greater than 1 (col. 5 lines 4-15).

Regarding claim 9, Neudecker teaches determining a time duration when the signal feature occurs for a first time (col. 4 line 63-col. 5 line 3).

Regarding claim 10, Neudecker teaches data exchange is carried out after the correct impulse sequence is detected (col. 5 lines 4-12).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 3-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Neudecker US Patent 6282668 in view of Ohie US patent 5581556.

Regarding claims 3-4, Neudecker teaches a bus system comprising a detection device for detecting a predefined impulse signal features (col. 4 lines 26-30) but is silent on teaching the signal feature include and edge change and the detection device includes a counter and the predefined signal feature is greater than one. Ohie in an art related local area network system invention teaches the detection device detecting the wake up signal based on edge detection of the signal transitioning from "1" to "0", "0" to "1"(col. 3 lines 28-37).

It would have been obvious to one of ordinary skill in the art to modify the system of Neudecker as disclosed by Ohie because a level variation in the signal transmitted to devices on

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a bus provides an effective an inexpensive means for signaling the request for a device to transition from a lower power mode.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vernal U. Brown whose telephone number is 571-272-3060. The examiner can normally be reached on 8:30-7:00 Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wendy Garber can be reached on 571-272-7308. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


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Vernal Brown

January 29, 2007


BRIAN ZIMMERMAN
PRIMARY EXAMINER